

CITY OF NATIONAL CITY
EROSION CONTROL NOTES
FOR CONSTRUCTION SITES

1. IN CASE EMERGENCY WORK IS REQUIRED, CONTACT _____ AT _____
2. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION CONTROL DEVICES WHEN RAIN IS IMMINENT.
3. EROSION CONTROL DEVICES SHOWN ON PLANS SHALL NOT BE MOVED OR MODIFIED WITHOUT APPROVAL OF THE ENGINEERING INSPECTOR OR CITY STORM WATER COMPLIANCE INSPECTOR.
4. THE CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
5. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE ENGINEERING CONSTRUCTION INSPECTOR OR CITY STORM WATER COMPLIANCE INSPECTOR.
6. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
7. ALL EROSION CONTROL DEVICES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPERATED HEREON.
8. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
9. ALL REMOVABLE PROTECTIVE EROSION CONTROL DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE (5) DAY RAIN PROBABILITY FORECAST EXCEEDS FOURTY PERCENT (40%). SILT AND OTHER DEBRIS SHALL BE REMOVED AFTER EACH RAINFALL.
10. ALL GRAVEL BAGS SHALL BE BURLAP TYPE WITH 3/4-INCH MINIMUM AGGREGATE.
11. SHOULD GERMINATION OF HYDROSEEDED SLOPES FAIL TO PREVENT EFFECTIVE COVERAGE OF GRADED SLOPES (90% COVERAGE) PRIOR TO NOVEMBER 1, THE SLOPES SHALL BE STABILIZED BY PUNCHED STRAW INSTALLED IN ACCORDANCE WITH SECTION 35.023 OF THE EROSION AND SEDIMENT CONTROL HANDBOOK OF THE DEPARTMENT OF CONSERVATION, STATE OF CALIFORNIA.
12. THE PLANS SHALL INCLUDE DUST SUPPRESSION PLANS WITH SCHEDULING FOR DUST SUPPRESSANTS, WET DUST SUPPRESSANT TECHNIQUES, COVERING OF STOCKPILED SOILS, ENCLOSURE AND SOIL STABILIZERS, AND COMPRESSES CHUTES, LADDERS, AND HINGED BROWN STACKER CONVEYORS.
13. ALL BARE SLOPES AND DISTURBED AREAS SHALL BE PLANTED AS EACH STAGE OF GRADING IS COMPLETED. SUITABLE MEASURES TO PREVENT SLOPE EROSION, INCLUDING, BUT NOT LIMITED TO, RAPID GROWING VEGETATION SUFFICIENT TO STABILIZE THE SOIL SHOULD BE

INSTALLED ON ALL AREAS, AND/OR SUCH AREAS SHOULD BE MULCHED, WHILE THE PERMANENT VEGETATION COVER MATURES ENOUGH TO PROVIDE STABILITY.

14. ALL DISTURBED SURFACES SHOULD BE PREPARED AND MAINTAINED TO ESTABLISH NATIVE OR NATURALIZED PERMANENT VEGETATION COMPATIBLE WITH THE SOILS IN THE AREA. PLANTS WITH HIGH WILDLIFE VALUE SHOULD BE USED AND INVASIVE SPECIES SUCH AS PAMPAS GRASS OR FRENCH BROOM SHALL NOT BE INCORPORATED INTO THE DESIGN. MULCHING, FERTILIZING AND AN IRRIGATION SYSTEM SHOULD BE UTILIZED TO ESTABLISH THE NEW PERMANENT VEGETATION, THE TOP SOIL SHALL BE STOCKPILED AND REAPPLIED UPON COMPLETION OF GRADING ON SLOPES OF LESS THAN TWENTY FIVE PERCENT (25%). SOIL STOCKPILES AND EXPOSED SOIL SHALL BE PROTECTED AGAINST EROSION AT ALL TIMES.
15. CONSTRUCTION MATERIALS DELIVERED TO THE SITE SHALL BE STORED THROUGHOUT THE SITE. THE CONTRACTOR SHALL STORE THE MATERIALS AS TO MINIMIZE THE RISK OF STORM WATER POLLUTION, GROUND WATER POLLUTION, SOIL CONTAMINATION AND INJURY TO WORKERS AND VISITORS.
16. EQUIPMENT TO BE STORED, FUELED AND MAINTAINED ON SITE SHALL BE KEPT AWAY FROM ANY DRAINAGE COURSES. CONTRACTOR SHALL USE A DRAINAGE PAN OR DROP CLOTH TO CATCH ANY LEAKS OR SPILLS AT MINIMUM. THE CONTRACTOR SHALL DETERMINE LOCATION OF EQUIPMENT STORAGE AREA. THE CONTRACTOR SHALL EXERCISE THE SAME CAUTION FOR THE MAINTENANCE AREA AS FOR FUELING.
17. CONSTRUCTION MATERIALS SHALL BE STORED IN STAGING AREAS ON-SITE UNTIL NEEDED FOR INSTALLATION. WASTE WILL EITHER BE PLACED IN DUMPSTERS OR IN WASTE CONTAINMENT AREAS. ALL WASTE WILL BE TRANSPORTED OFF-SITE IN A TIMELY MANNER TO AN APPROVED WASTE DISPOSAL AREA (DUMPS). STORAGE, HANDLING AND TRANSPORTATION OF WASTE SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS.
18. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED. MAINTENANCE SHALL INCLUDE REMOVAL OF SILT FROM BARRIERS AND SEDIMENTATION DEVICES, SEEDING OR MULCHING OF DAMAGED STABILIZED AREAS AND REPLACEMENT OR REPAIR OF WORN OR DAMAGED GEOTEXTILE FABRIC.
19. DURING THE RAINY SEASON THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED BY THE PROPERTY OWNER IN THE EVENT OF A RAINSTORM. ONE HUNDRED TWENTY FIVE PERCENT (125%) OF ALL SUPPLIES NEEDED FOR BMP MEASURES SHALL BE RETAINED ON THE JOB SITE IN A MANNER THAT ALLOWS FULL DEPLOYMENT AND COMPLETE INSTALLATION IN FOURTY EIGHT (48) HOURS OR LESS OF A FORCAST OF RAIN.
20. NO AREA BEING DISTURBED SHALL EXCEED 50 ACRES AT ANY GIVEN TIME WITHOUT DEMONSTRATING TO THE CITY ENGINEER'S SATISFACTION THAT ADEQUATE EROSION AND SEDIMENT CONTROL CAN BE MAINTAINED. ANY DISTURBED AREA THAT IS NOT ACTIVELY GRADED FOR FIFTEEN (15) DAYS MUST BE FULLY PROTECTED FROM EROSION. UNTIL ADEQUATE LONG-TERM PROTECTIONS ARE INSTALLED, THE DISTURBED AREA SHALL BE INCLUDED WHEN CALCULATING THE ACTIVE DISTURBANCE AREA. ALL EROSION CONTROL MEASURES SHALL REMAIN INSTALLED AND MAINTAINED DURING ANY INACTIVE PERIOD.